

Susan M. MacDonald, M.D.

(b) (6)

Susn.M.MacDonald@lahey.org

(b) (6)

CURRENT

Lahey Clinic Medical Center

1993-Present
1995-2005
1998-2003
2001-present

Director of Comprehensive Ophthalmology
Co-director Lahey-Tufts Residency Program
Continuing Medical Education Committee
Peer Review Committee

TEACHING

1996-present
1996

Tufts University School of Medicine Assistant Professor
Tufts University School of Medicine Award for
Teaching Excellence

1998-2006

Co-director Lahey Clinic Ophthalmology Residency
Program

1998-present

New England Ophthalmological Society (NEOS) Program
Committee member

1997-2002

CME Committee Lahey Clinic

POSTDOCTORAL TRAINING

2005

**Re-certification Board of Ophthalmology
Board Certified Ophthalmology**

1990-1993

University of Utah, Salt Lake City, Utah
Ophthalmology Residency

1988-1990

The Miriam Hospital, Brown University
Internal Medicine Residency

1987-1988

The Miriam Hospital, Brown University
Transitional Internship

November 1987

Lahey Clinic Medical Center
Basic Microsurgical Technique Course

EDUCATION

1983-1987	University of Massachusetts Medical School Medical Doctor degree, June 1987 Member of curriculum review committee. Community Health Project, Dominican Republic.
1981-1983	Framingham State College Bachelor of Science, Biology, Cum laude, June 1983
1979-1981	Fitchburg State College .

RESEARCH, PRESENTATIONS, SPECIAL PROJECTS

January 2010	ASAPROSAR Eye Surgical Campaign El Salvador
January 2009	Park City Utah: Utilizing Phacoemulsification Machines to produce safe surgery.
January 2009	Park City Utah: The Learning Curve of New Surgical Techniques
December 2008	Moderator New England Ophthalmology Society Cataract Session
August 2008	San Antonio Texas: How and When to remove Intraocular Lens
August 2008	San Antonio Texas: Devices and drugs to Manage Floppy Iris Syndrome
January 2008	Treatment of Opacified of intraocular lens Understanding Fluidics and Power modulation for Chopping Technique
January 2008	Invited Speaker Park City Cataract and Refractive Surgery
October 2007	Black Hills South Dakota Complications of Cataract Surgery
September 2007	Complications of Cataract Surgery Fluidics and Power modulation Basics
June 2007	Harvard University Residency Training Course: Fluidics lecture
April 2007	American Society Cataract and Refractive Surgery Lecture: Torsional vs. Longitudinal phacoemulsification

March 2007	Residency Training Course: Fluidics, Management of Complications, and instructor Microsurgical training lab
January 2007	Park City Cataract Course: Tremor and Microsurgery Surgical Competence Fluidics
December 2006	New England Ophthalmology Society: Human Error in Cataract Surgery
September 2006 Atlanta	Fluidics and Power Modulation Residency Training Course
May 2006 Chicago	Fluidics and Power Modulation Residency training Course
Dec 2005	Subspecialty meeting New England Ophthalmology Society Moderator Phacoemulsification wet lab
April 2005	ASCRS Using new Technology for Safer surgery
April 2005	Co-investigator Bimanual vs. Coaxial Cataract surgery Learning Curve
April 2005 April 2005	Matching Technique to Pathology Tufts Ophthalmology Residents Wet Lab Ophthalmology Residents
February 2005	2nd year Tufts Medical School Physical diagnosis
February 2005	Fluidics Ophthalmology Residents
August 2004	International meeting advancement of Cataract Surgery Panel member Vancouver Canada
August 2004	Lecture: New Technology Intraocular lens. Economic and ethical issues
September 2004	European Society of Cataract and Refractive Surgery: Training Residents in Cataract Surgery
April 2004	Harvard Medical School Lecturer: 1 st year medical students Eye
April 2004	Academy of Ophthalmology: Expert Panel Cataract and Refractive Surgery American Academy of Ophthalmology

March 2004	2 nd year Tufts Medical School Physical diagnosis
Feb 2004	2 nd Year Harvard Medical Students Physical Diagnosis
July 2003	Grand Rounds University of Arkansas: Invited Guest Speaker Grand Rounds Matching Technique and Technology Safer Cataract Surgery
May 2003	Eastern European and Middle Eastern Countries Impact Meeting; Venice Italy. Speaker and Panel Member. Teaching Safer Cataract Surgery.
April 2003	American Society of Cataract and Refractive Surgery Course Director: State of the Art Cataract Surgery
April 2003	ASCRS Technician Course: Viscoelastics
2002	Investigator Diffractive Intraocular lens
Feb 2003	University of Connecticut Grand Rounds: Managing Cataract Complications
Dec 2002	New England Ophthalmology Society: The Diffractive Multifocal IOL
Nov 2002	Alcon SERVA Course: Viscoelastics, Approach to Complicated Cataract Surgery
Oct 2002	American Academy of Ophthalmology: Complicated Cataract Surgery, Laser Surgery
April 2002	New England Ophthalmology Society presentation: Dye Enhanced Cataract Surgery
Aug 2001	Moderator Ophthalmology in the 21 Century Lahey Clinic Brewster Course. Lecture: Dye Enhanced Cataract Surgery
June 2001	New England Ophthalmology Society Lecture: Dye enhanced Cataract Surgery
April 2001	Program director ASCRS Course: Stressless transition to topical cataract surgery
April 2001	ASCRS Clinical and Surgical Program presentation: Preop evaluation of Cataract Surgery.

Mar2001	Alcon Resident Training Program Fort Worth Texas: “Enhancing Surgical Performance”, Small Pupil Phacoemulsification”, “Managing Surgical Complications” Wet lab instructor.
2001	Cairo Egypt Invited Guest Professor Phacoemulsification Technology, Managing Complications, Surgical Instruction
Feb 2001	Lecture Tufts School of Medicine. “Fluidics” Understanding phaco-technology.
Nov2001	Alcon Resident Training Program Fort Worth, Texas “Pre-op evaluation of Cataracts”, “Small Pupil Phacoemulsification”, Wet lab instructor
Oct 2000	American Academy of Ophthalmology Course Presentation: The Stressless Transition to Topical Clear Cornea Phacoemulsification for Residents and Accomplished Surgeons. Dallas, Texas
May 2000	Director: Phacoemulsification 8 hour course for Residents and Practicing surgeons
April 2000	Lecture Tufts School of Medicine. “Management of Complications in Cataract Surgery”
Nov 1999	Director of Phacoemulsification Course “Morning of Pearls and Afternoon of Practical Skills”
Nov1999	Cataract Lecture “Small Pupil Phacoemulsification”
Nov. 1999	Grand Rounds- Lahey Clinic “Advances in Cataract Surgery”
Oct. 1999-2000	Principal Investigator Optical Quality in patients with intraocular lenses
Oct1999	Academy of Ophthalmology Course. “The stressless transition to topical clear-cornea cataract surgery.”
1999	Speaker: “Cataract Phacoemulsification Techniques” Tufts University
1999	Teaching Professor, Cairo, Egypt.
1999	Speaker, NEOS Meeting, April 16, 1999, “Prolonged Postoperative Inflammation.”
1998	Moderator, December 1998 NEOS Cataract Meeting

Poster presentation – American Academy of Ophthalmology
Title: Comparison of NEON, Spreadsheet, and Database
Management Analysis of Cataract Surgery Outcome Data

(b) (4)

1997-1998	Cost Containment Committee Lahey Clinic
1996-1998	National Youth Leadership Forum: Educational organization founded to help better prepare secondary school students with scholastic merit and strong leadership potential for their future professional careers.
1994	Chapter: Viral Ophthalmologic and Parainfectious Diseases, in Handbook of Neurovirology, S. MacDonald, K. Digre, P. Zimmerman, Marcel Dekker, Inc. 1994.
1994	Veterans Administration Cooperative Cataract Study, participating study surgeon,
1992	Pseudomonas Keratitis Presentation, University of Utah Resident's Day, 1992.
1991	Sagittal sinus Thrombosis Presentation, University of Utah, Resident's Day 1991.
1982	Subrenal Capsule Assay, University of Massachusetts, 1982.
1982	The Action of HCG on the Ovaries of Stressed, Immature Female Mice, Framingham State College, 1982.

EXPERIENCE

2007 June
2000-present

2000

1980-1986

Amigos de las Americas

Amigos is a non-profit, volunteer organization designed to train teenagers and adults in basic public health concepts and skills which they then use volunteering in Central and South America.

(b) (6)

[REDACTED] (b) (6)

Field Work:

1980 Immunization Project, Dominican Republic

[REDACTED] (b) (6)

1977

[REDACTED] (b) (6)

INTERESTS

[REDACTED] (b) (6)